

**PRODUCT
SPECIFICATION**



TTS 620

TROMMEL



THE ULTIMATE IN TROMMEL DESIGN

Terex Ecotec's TTS 620 is the ultimate in modern trommel design, offering operators unrivalled application flexibility, production rates and serviceability. A highly efficient engine and hydraulic drive system combined with advanced material processing control system offer maximum production combined with minimum costs. It is ideally suited for screening compost, biomass, soil, gravel & waste.



TTS 620

Unprecedented levels of service access catapults the TTS 620 into a league of its own.



An intuitive push button control panel allows the operator to easily configure the machine to suit the required application while the intelligent feeder control system continually adjusts the feeder speed to optimize screening rates. Special consideration has been given to minimize change out time for the screening drum. The process, which takes a matter of minutes, places the TTS 620 as a market leader. The machine has also been designed to accept a number of other manufacturers screening drums allowing customers to smoothly integrate the TTS 620 into established fleets.

Unprecedented levels of service access catapults the TTS 620 into a league of its own. All conveyors are built to a modular design allowing each one to be removed independently for ease of maintenance. The swing out engine cradle gives operators

unrestricted ground level access to all service components. Hinged doors on both sides of the trommel drum offers unobstructed access for maintenance and cleaning.

The machine has been designed to run at a low engine RPM, reducing fuel usage, emissions and noise levels. Three engine options are available dependent on geographic areas and emission regulations; Stage V for EU, Tier 4 Final for USA and Stage IIIA for ROW.

Due to ever changing market conditions and demands of the modern trommel the machine will be available in wheeled, pintle drawbar, or tracked configurations.

▼ KEY FEATURES



Double sided unrestricted drum access via two large swing out doors allows for easy maintenance and cleaning



Easily replaced 5.5m (18') x 2m (6'7") punch plate drum which is compatible with the Doppstadt SM620 and Neuenhauser 6020



Advanced feeder control system offering efficient operation and maximised output
Fully sealed feeder reducing spillage
The feeder belt is driven at the head drum via a powerful recessed gearbox and hydraulic motor reducing belt slippage



Swing out engine cradle giving operators unrivalled levels of maintenance access



Reversible engine fan and removable pre filter grill provide maximum protection for the engine air intake and cooling radiator



All conveyors are built to an individual modular design to reduce maintenance downtime
Advanced sealing and feedboot design ensures smooth material transfer and stockpiling



▼ TECHNICAL DATA

| TRANSPORT DIMENSIONS | DRUM | FINES DISCHARGE CONVEYOR |
|---|---|--|
| Width: 2.5m (8' 2") | 5.5m (18' 1") Length | 1000mm (39") 3 ply chevron belt, 3 + 1.5 covers |
| Height: 4.0m (13' 2") | 2.0m (6' 7") Diameter | Discharge Height: |
| Length: 12.0m (39' 4") | Double welded chain and drive sprocket | Max 3.2m Wheeled Machine |
| Weight: 19,000kg (41,888 lbs) | Compatible with Doppstadt SM620 | Max 3.42m Tracked Machine |
| TRANSPORT DIMENSIONS (TRACKED MACHINE) | DRUM | Oversize conveyor |
| Width: 3.0m (9' 10") | Horizontal drum | Max 3.2 on wheeled machine, Max of 3.42 on tracked machine |
| Height: 3.4m (11' 2") | Spiral design for material transfer | Discharge LHS |
| Length: 10.5m (34' 5") | Easily removable for maintenance and application flexibility | Head drum ø184mm |
| Weight: 24,000kg (52,911 lbs) approx. | Active running pressure monitoring system to adjust feed rate | |
| WORKING DIMENSIONS | DRUM | Oversize conveyor |
| Width: 6.9m (22' 8") | Full drum clean brush; Wheeled Machine ø600mm, 3x5mm bristle, hydraulic folding | 1200mm (47") 3 ply chevron belt, 3 + 1.5 covers |
| Length: 15.5m (51') | Tracked machine ø500mm, 3x5mm bristle, hydraulic folding | Discharge Height: |
| Feed height: 2.85m (9' 4") | 1 piece drum door opening both sides | Max 3.43m Wheeled Machine |
| WORKING DIMENSIONS (TRACKED MACHINE) | POWERPACK & CONTROL | Oversize conveyor |
| Width: 6.9m (22' 8") | CAT C4.4 Stage V, 102kW, 1500rpm | Max 3.56m Tracked Machine |
| Length: 14.1m (46' 5") | CAT C4.4 Tier IV Final, 82kW, 1500rpm | Head drum ø184mm |
| Feed height: 2.85m (9' 4") | CAT C4.4 Stage IIIA (Constant Speed), 98kW, 1500rpm | Variable speed control |
| HOPPER AND BELT FEEDER | BOGIE | |
| 5.5m ³ (7.2yd ³) capacity | 2 axles, 8 studs | |
| 2.85m (9' 4") feed in height | ABS | |
| 4m (13' 1") feeder length | Suspension type leaf spring | |
| 1200mm (47") 3 ply plain belt, 5 + 1.5 covers | Super single c/w 385/55 R22 tyres | |
| Head drum drive system with compact gearbox solution | Pintle hook design | |
| Slide out feeder cassette for maintenance | European whole vehicle type approved | |
| Hopper extensions | | |
| COLLECTION CONVEYOR | TRACKED UNDERCARRIAGE | |
| 1400mm (55") 3 ply plain belt, 4 + 2 covers | Bolt on tracks and independent sub-frame | |
| Cassette style - removable for maintenance | 400mm (16") shoe | |
| Head drum ø184mm | 3300mm (10' 10") Sprocket centres | |
| Rear deflector plate to adjust loading point onto transfer conveyor | | |
| Pressure monitoring system to enable feeder kick out | | |
| TRANSFER CONVEYOR | OPTIONS | |
| 800mm (32") 3 ply plain belt, 4 + 2 covers | Remote control tipping grid 100mm (4") | |
| Cassette style - removable for maintenance | Remote control tipping grid 150mm (6") | |
| Head drum ø184mm | Feeder belt - 1200mm (47") 3 ply chevron belt, 5 + 1.5 covers | |
| | Auxiliary oil supply connection (1) 34.5 lpm | |
| | Independent auxiliary oil supply (2) 34.5 lpm | |
| | Mesh drum c/w woven mesh | |
| | Different colour | |
| | Telemetry | |
| | ADR Compliant Bogie for Australia | |
| | Magnetic Head Drum and Chute for Fines and Oversize Conveyors | |

Specification subject to change without notice

▼ CUSTOMER SUPPORT

With you every step of the way

We work with our customers to understand their equipment needs to select the product most suited to their business requirements. Terex Ecotec customer support incorporates a range of services including parts, technical support, warranty and financial services.



The Right Part at the Right Time

Terex Ecotec has a full inventory of genuine Terex parts through our global support locations and dealer network. We are committed to getting the right parts delivered at the right time. Using genuine Terex parts ensures optimum performance and reliability.



Warranty Delivering on our promise so you can keep yours

Terex Ecotec warrants its new equipment to be free of defects in material or manufacture for a specified period from the date the equipment is first used.



Expert technical support

Terex Ecotec provide highly qualified service personnel to ensure that we have the ability to provide technical support when our customers need it. This support is provided in conjunction with our dealer network. We ensure our customers are supported throughout the lifecycle of their machine.



Terex Financial Services Financing that works for you

Terex Ecotec are able to offer finance solutions to our customers. Our team of finance professionals know the importance of working closely with customers to understand their unique business challenges as well as their financial goals and requirements. Obtaining financing is often a time-consuming task, so we work hard to provide a reliable, flexible and responsive service.



**Delivering On Our Promises,
So You Can Keep Yours.**



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